

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of making a reinforced shrink wrap comprising:  
providing a sheet of thermoplastic and a shrink film;  
placing a reinforcing grid on the sheet of thermoplastic;  
extruding forming a tie layer of elastomeric material between the sheet of thermoplastic and the shrink film; and  
  
laminating ~~by extrusion~~ the thermoplastic sheet, the shrink film, and the tie layer with the reinforcing grid to form a reinforced shrink wrap, whereby the reinforcing grid is held by the elastomeric tie layer in between the thermoplastic sheet and the shrink film, and the reinforcing grid being disposed via the elastomeric tie layer, and wherein the tie layer is about 15 to about 25% of the total thickness of the reinforced shrink wrap.
2. (Canceled)
3. (Original) The method of claim 1 wherein the shrink film is a highly irradiated polyolefin.
4. (Original) The method of claim 3 wherein the highly irradiated polyolefin is polyethylene
5. (Original) The method of claim 1 wherein the reinforcing grid is a non-woven scrim.
6. (Original) The method of claim 5 wherein the reinforcing grid material is selected from the group consisting of nylon filament and polyester filament from about 200 to about 800 denier.
7. (Original) The method of claim 1 wherein the elastomeric tie layer has a lower modulus than the thermoplastic sheet or the shrink film.
8. (Original) The method of claim 1 wherein the thermoplastic sheet includes multiple plies of thermoplastic.
9. (Original) The method of claim 1 wherein the tie layer is from about 0.75 to about 1.5 mils in thickness.

10. (Previously presented) The method of claim 1 wherein the thermoplastic sheet is from about 0.75 to about 6 mils thick and the shrink film is from about 0.75 to about 1.5 mils thick.
11. (Original) The method of claim 1 wherein the thermoplastic sheet or shrink film includes an additive selected from the group consisting of ultraviolet stabilizer, flame retardant, static inhibitor, color additive, antioxidant, corrosion inhibitor, biocide and mixtures thereof.
12. (Original) The method of claim 1 wherein the tie layer includes an additive selected from the group consisting of ultraviolet stabilizer, flame retardant, static inhibitor, color additive, antioxidant, corrosion inhibitor, biocide and mixtures thereof.
13. (Original) The method of claim 8 wherein at least one ply of thermoplastic contains an additive selected from the group consisting of ultraviolet stabilizer, flame retardant, static inhibitor, color additive, antioxidant, corrosion inhibitor, biocide and mixtures thereof.
14. (Original) The method of claim 4 wherein the polyethylene is selected from the group consisting of linear low density polyethylene, low density polyethylene and mixtures thereof.
15. (Withdrawn) A method of making a multi-layered reinforced shrink wrap comprising:  
providing at least three layers of thermoplastic;  
at least one of the thermoplastic layers is a shrink film of highly irradiated polyolefin; and  
laminating at least two tie layers of elastomeric material alternatively disposed between the thermoplastic layers, each holding a reinforcing grid but allowing slippage of the reinforcing grid in the tie layer upon tensile loading.
16. (Withdrawn) The method of claim 15 wherein the shrink film of highly irradiated polyolefin is polyethylene.
17. (Withdrawn) The method of claim 15 wherein the reinforcing grid is a non-woven scrim.

18. (Withdrawn) The method of claim 15 wherein the reinforcing grid is selected from the group consisting of nylon filament and polyester filament from about 200 to about 800 denier.

19. (Withdrawn) The method of claim 15 wherein the elastomeric tie layers have a lower modulus than at least one of the thermoplastic layers.

20. (Withdrawn) The method of claim 15 wherein at least one of said thermoplastic layers includes multiple thermoplastic plies.

21. (Withdrawn) The method of claim 15 wherein each of the tie layers is from about 0.75 to about 1.5 mils in thickness.

22. (Withdrawn) The method of claim 15 wherein the thermoplastic layers are from about 0.75 to about 6 mils thick.

23. (Withdrawn) The method of claim 15 wherein at least one of the thermoplastic layers contains an additive selected from the group consisting of ultraviolet stabilizer, flame retardant, static inhibitor, color additive, antioxidant, corrosion inhibitor, biocide and mixtures thereof.

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Respectfully submitted,

By   
Constance M. Pielech  
Registration No.: 46,991  
JENKENS & GILCHRIST, A PROFESSIONAL  
CORPORATION  
1401 McKinney, Suite 2700  
Houston, TX 77010  
(713) 951-3300  
(713) 951-3314 fax